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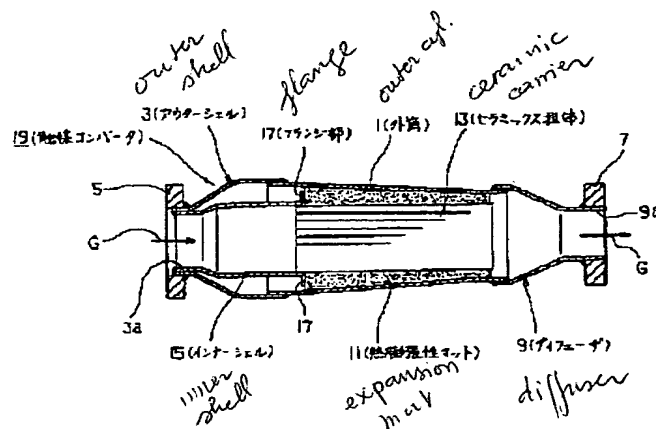
APPLICATION DATE : 01-03-96
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APPLICANT : CALSONIC CORP;

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TITLE : CATALYTIC CONVERTER



ABSTRACT : PROBLEM TO BE SOLVED: To provide a catalytic converter, in which a thermal expansion mat is easily pressed for charge in comparison with the conventional one and a ceramics carrier having the circular cross section or elliptical cross section can be easily inserted into an outer cylinder at the time of housing the ceramics carrier, which is formed by winding the thermal expansion mat, in the outer cylinder at the time of manufacture.

SOLUTION: This catalytic converter is formed of a taper-shaped outer cylinder 1 having a small diameter over from a front part to a rear part thereof, a ceramics carrier 13 held through a thermal expansion mat 11 pressed into the outer cylinder 1, an outer shell 3 fitted to a front part of the outer cylinder 1, an inner shell 5, of which front end is fixed to the inner circumference of a front side of the outer shell 3 and which is formed with an annular flange part 17, which abuts on the front end of the thermal expansion mat 11 so as to push it to the axial direction of the ceramics carrier 13, in the circumferential edge of a rear side thereof, and a diffuser 9 fitted to a rear part of the outer cylinder 1.

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